

### AMENDMENTS

#### In the Specification

Please insert the following replacement paragraph, including the indicated changes, at page 16, paragraph 0037:

[0037] Methylated nucleic acid sequences are also provided. For the first time, the present invention provides methylated chemical structures for MICP 1-42 (see Table 1). One of skill in the art can now readily locate the CpG-rich sequences associated with these genes and identify such methylated forms of the genes/regulatory sequences by methods described herein (The gene sequences can be identified in a gene database found at <http://www.ncbi.nlm.nih.gov/UniGene/index.html> on the world wide web, at the url “ncbi.nlm.nih.gov/UniGene/index.html”). The invention provides CpG-rich regions from the above genes as set forth in SEQ ID Nos 1-42, equivalent to MICP 1-42, respectively.